

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in this application.

1-30. (Canceled)

31.(Currently Amended) An apparatus, comprising:

a processor and a transmitter configured to identify ~~a cell~~ an access point of a first telecommunication network as being a neighbor cell to a neighboring cell by a second telecommunication network by transmitting ~~using cell~~ identity information for ~~a cell~~ the access point of the first telecommunication network ~~and a~~ using a cell identity information structure of the second telecommunication network, wherein

the first telecommunications network is a different ~~network from~~ radio technology than the second telecommunications network.

32.(Currently Amended) The apparatus as claimed in claim 31, wherein the apparatus is a network element controlling the cell of the first telecommunication network.

33-34. (Canceled)

35.(Previously Presented) The apparatus as claimed in claim 31, wherein the second telecommunication network is a global system for mobile communications network.

36.(Currently Amended) The apparatus as claimed in claim 31,

wherein the ~~cell~~ identity information of ~~the second telecommunication network~~ comprises one or more of a frequency, a base station identification, and a location area.

37.(Canceled)

38.(Previously Presented) The apparatus as claimed in claim 31, wherein the processor is further configured to use a handover algorithm that provides seamless mobility between the first telecommunication network and second telecommunication network.

39.(Canceled)

40.(Currently Amended) The apparatus as claimed in claim 38, wherein the seamless mobility is provided when a mobile station is ~~either in an idle mode or an~~ and also in an active mode.

41.(Currently Amended) The apparatus as claimed in claim 32, wherein the apparatus is an access point controlling the neighbor cell of the second telecommunication network.

42-48.(Canceled)

49.(Currently Amended) A method, comprising:

transmitting, from a transmitter of a cell of a second telecommunications network, cell identity information to a mobile station, wherein the cell identity information is ~~stored in~~ of a cell of a first telecommunication network and is transmitted from the transmitter using a cell identity information structure ~~of a~~ of the second telecommunication network; and

providing, by a processor of the cell of the second telecommunications network, seamless mobility for a mobile station handing over between the first telecommunication network and the second telecommunication network,

wherein the first telecommunications network is a different ~~network from~~ radio technology than the second telecommunications network; ~~and~~

~~wherein the transmitting is done in a cell of the second telecommunication network.~~

50.(Currently Amended) The method as claimed in claim 49, wherein the cell identity information is stored in a neighbor list of neighboring cells and is stored at the cell of the first telecommunications network, in which the neighboring cells are of the second telecommunication network.

51.(Canceled)

52.(Currently Amended) The method as claimed in ~~claim 51~~ claim 50, wherein the cell identity information of the cell of the first telecommunication network includes neighbor information ~~given by~~ transmitted by the transmitter of the cell of the second telecommunication network.

53-54. (Canceled)

55.(Currently Amended) An apparatus, comprising:

a ~~at least one~~ transmitter configured to wirelessly communicate with a first telecommunication network and a second telecommunication network; and

a receiver configured to wirelessly receive cell identity information for a cell of the first telecommunication network using a cell identity information structure of the second telecommunication network,

wherein the first telecommunications network is a different ~~network from~~ radio technology than the second telecommunications network.

56.(Previously Presented) The apparatus as claimed in claim 55, further comprising:
a processor configured to measure a signal level of radio transmitters in the first telecommunication network and the second telecommunication network.

57.(Canceled)

58.(Currently Amended) The apparatus as claimed in claim 55, wherein the second telecommunication network ~~is~~ is a global system for mobile communications network.

59.(Currently Amended) The apparatus as claimed in claim 55, wherein the cell identity information for the cell of the second telecommunication network comprises one or more of a frequency, a base station identification, and a location area.

60.(Currently Amended) The apparatus as claimed in claim 55, ~~wherein in which the apparatus comprises a mobile station of the first or second telecommunications networks and~~ the at least one transmitter is configured to transmit ~~a~~ an indication of received signal level to at least one of the first telecommunication network and the second telecommunication network.

61.(Currently Amended) The apparatus as claimed in claim 55, ~~wherein in which the apparatus comprises a mobile station which further comprises a processor, the processor of the first or second telecommunications networks is~~ configured to modify a measurement result to force the first or the second telecommunication network to change the serving cell.

62.(Currently Amended) The apparatus as claimed in claim 55, wherein the receiver is configured to receive the cell identity information for ~~a cell~~ the cell of the first telecommunication network ~~and the identity information~~ from the second telecommunication network.

63.(Currently Amended) The apparatus as claimed in claim 56, wherein the receiver is configured to receive the cell identity information for ~~a cell~~ the cell of the first telecommunication network ~~and the identity information~~ as a part of neighbor information of ~~the cell~~ a cell of the second telecommunication network from which the receiver received the cell identity information.

64.(Currently Amended) The apparatus of claim 31, wherein the first telecommunications network is a wireless local area network or a Bluetooth network.

65.(Currently Amended) The apparatus of claim 31, wherein the first telecommunications network is a ~~Bluetooth network~~ wideband CDMA network and the second telecommunication network is a GSM network.

66.(Canceled)

67.(Currently Amended) The apparatus of claim 42, wherein the first telecommunications network is a wireless local area network or a Bluetooth network.

68.(Currently Amended) The apparatus of claim 42, wherein the first telecommunications network is a ~~Bluetooth network~~ wideband CDMA network and the second telecommunication network is a GSM network.

69.(Canceled)

70.(Currently Amended) The method of claim 49, wherein the first telecommunications network is a wireless local area network or a Bluetooth network.

71.(Currently Amended) The method of claim 49, wherein the first telecommunications network is a ~~Bluetooth network~~ wideband CDMA network and the second telecommunication network is a GSM network.

72.(Canceled)

73.(Currently Amended) The apparatus of claim 55, wherein the first telecommunications network is a wireless local area network or a Bluetooth network.

74.(Currently Amended) The apparatus of claim 55, wherein the first telecommunications network is a ~~Bluetooth network~~ wideband CDMA network and the second telecommunication network is a GSM network.

75-76.(Canceled)

77.(Currently Amended) The apparatus as claimed in claim 76, wherein the cell identity information of the second telecommunication network comprises one or more of a frequency, a base station identification, and a location area, ~~and the first~~

~~telecommunications network is a different network from the second telecommunications network.~~

78-81.(Canceled)

82.(Currently Amended) A method, comprising:

~~identifying, by a processor, transmitting from a transmitter of a cell of a first telecommunication network as a neighboring cell by a second telecommunication network using cell identity information for a cell of the first telecommunication network and the cell using a cell identity information structure of the second a second telecommunication network, and~~

~~receiving a handover of a mobile station from a cell of the second telecommunication network based on the transmitting;~~

~~wherein the first telecommunications network is a different network from radio technology than the second telecommunications network.~~

83.(Currently Amended) The method as claimed in claim 82, wherein the second telecommunication network is a global system for mobile communications network and the first telecommunication network is one of a wireless local area network and a Bluetooth network.

84.(Currently Amended) The method as claimed in claim 82, wherein the cell identity information ~~of the second telecommunication network~~ comprises one or more of a frequency, a base station identification, and a location area, ~~and the first telecommunications network is a different network from the second telecommunications network.~~

85-97.(Canceled)

98.(Currently Amended) A method, comprising:

wirelessly communicating, by a transmitter, with a first telecommunication network and a second telecommunication network; and

wirelessly receiving from a cell of the first telecommunication network, at a receiver, cell identity information for ~~a cell~~ the cell of the first telecommunication network using a cell identity information structure of the second telecommunication network,

wherein the first telecommunications network is a different ~~network from~~ radio technology than the second telecommunications network.

99.(Previously Presented) The method as claimed in claim 98, further comprising: measuring at least at the receiver a signal level of radio transmitters in the first telecommunication network and the second telecommunication network.

100.(Currently Amended) The method as claimed in claim 98, wherein the second telecommunication network is global system for mobile communications network and the first telecommunication network is one of a wideband CDMA network, a wireless local area network, and a Bluetooth network.

101.(Previously Presented) The method as claimed in claim 98, wherein the cell identity information of the second telecommunication network comprises one or more of a frequency, a base station identification, and a location area.

102.(Currently Amended) The method as claimed in claim 98, wherein the method is executed by a mobile station ~~of the first or second telecommunications networks~~ which is configured to transmit a signal level to at least one of the first telecommunication network and the second telecommunication network.

103.(Currently Amended) The method as claimed in claim 98, wherein the method is executed by a mobile station ~~of the first or second telecommunications networks~~ which is configured to modify a measurement result to force the network to change the serving cell.

104.(Canceled)

105.(Previously Presented) The method as claimed in claim 99, wherein the receiving further comprises receiving cell identity information ~~for a cell of the first telecommunication network and the identity information~~ as a part of neighbor information of ~~the cell~~ a cell of the second telecommunication network.

106-127 (Canceled)

128.(Previously Presented) The apparatus of claim 31, further comprising:

a data store configured to store the cell identity information for the cell of the first telecommunication network using the cell identity information structure of the second telecommunication network.

129.(Canceled)